

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Hiroyasu OHASHI, Yasuo MUTO and Koichi ASAI

Application No.: Rule 53(b) Divisional of 09/334,931 filed June 17, 1999

Filed: September 4, 2003

Docket No.: 103645.01

For: ELECTRIC-COMPONENT SUPPLYING APPARATUS AND CIRCUIT-BOARD
ASSEMBLING METHOD FOR FEEDING A PLURALITY OF ELECTRIC-
COMPONENT TAPES (AS AMENDED)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. The references were cited by or submitted to the Office in parent application No. 09/334,931, filed June 17, 1999, which is relied upon for an earlier filing date under 35 U.S.C. §120. Thus, copies of these references are not attached. 37 CFR §1.98(d).

Respectfully submitted,



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<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>
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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 103645		APPLICATION NO. Rule 53(b) Divisional of 09/334,931 filed June 17, 1999	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANT(S) Hiroyasu OHASHI et al.			
				FILING DATE August 26, 2003		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	
		4,610,083	09/09/86	Campisi et al.			
		5,167,161	12/01/92	Okamoto et al.			
		6,157,870	12-2000	Gfeller et al.			
		5,832,595	11-1998	Maruyama et al.			
		5,680,936	10-1997	Beers			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	
		EP 0 893 948 A2	01/27/99	Europe			
		EP 0 859 543 A2	08/19/98	Europe			
		EP 0 613 339 A1	08/31/94	Europe			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
		Patent Abstracts of Japan; Publication No. 01-104551, Published 04/21/89.					
		Lexikon Sensoren in Fertigung und Betrieb v. Stefan Hesse, 1996 (4 pages including pp. 262-263)					
EXAMINER				DATE CONSIDERED			
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

Date: September 4, 2003